MotoRC for WT4090 VOW Software Installation Guide

MotoRC for WT4090 VOW Software Installation Guide

72E-133492-01
Revision A
January 2010

© **2010** by Motorola, Inc. All rights reserved.

No part of this publication may be reproduced or used in any form, or by any electrical or mechanical means, without permission in writing from Motorola. This includes electronic or mechanical means, such as photocopying, recording, or information storage and retrieval systems. The material in this manual is subject to change without notice.

The software is provided strictly on an “as is” basis. All software, including firmware, furnished to the user is on a licensed basis. Motorola grants to the user a non-transferable and non-exclusive license to use each software or firmware program delivered hereunder (licensed program). Except as noted below, such license may not be assigned, sublicensed, or otherwise transferred by the user without prior written consent of Motorola. No right to copy a licensed program in whole or in part is granted, except as permitted under copyright law. The user shall not modify, merge, or incorporate any form or portion of a licensed program with other program material, create a derivative work from a licensed program, or use a licensed program in a network without written permission from Motorola. The user agrees to maintain Motorola’s copyright notice on the licensed programs delivered hereunder, and to include the same on any authorized copies it makes, in whole or in part. The user agrees not to decompile, disassemble, decode, or reverse engineer any licensed program delivered to the user or any portion thereof.

Motorola reserves the right to make changes to any software or product to improve reliability, function, or design.

Motorola does not assume any product liability arising out of, or in connection with, the application or use of any product, circuit, or application described herein.

No license is granted, either expressly or by implication, estoppel, or otherwise under any Motorola, Inc., intellectual property rights. An implied license only exists for equipment, circuits, and subsystems contained in Motorola products.

MOTOROLA and the Stylized M Logo and Symbol and the Symbol logo are registered in the US Patent & Trademark Office. All other product or service names are the property of their respective owners.

Motorola, Inc
One Motorola Plaza
Holtsville, New York 11742-1300
http:/motorola.com/enterprisemobility

Table of Contents

Before You Begin 1

Read This First 1
About the Guide 1
Related Documents 1
Service Information 1

Chapter 1 – Delivery Method and Minimum Requirements 3

Delivery Method 3
Minimum Software and Hardware Requirements 3

Chapter 2 – Installing MotoRC 5

Uninstall Previous Versions 5
Installing MotoRC 6
Installing MotorRC on a Device 9
Uninstalling MotoRC 11

Before You Begin

Read This First

Motorola recommends that you read this entire document before you begin installing the Motorola Remote Control Solution (MotoRC) for the WT4090 voice-only wearable device (VOW).

About the Guide

The *MotoRC WT4090 VOW Software Installation Guide* provides general instructions for installing the Motorola Remote Control Solution for the WT4090 VOW. Newer versions of this document may be available at:

http://support.symbol.com/support/product/softwaredownloads.do.

Related Documents

MotoRC for the WT4090 Headless Device Release Notes, p/n **72E-133494**

Using the Motorola Remote Control Solution for the WT4090 Headless Device, p/n **72E-133493**

Service Information

If you have a problem with your software, contact Motorola Enterprise Mobility support for your region. Contact information is available at: http://www.symbol.com/contactsupport.

When contacting Enterprise Mobility support, please have the following information available:

- Serial number of the software
- Model number or product name
- Software type and version number
- Software license information

Motorola responds to calls by email, telephone, or fax within the time limits set forth in support agreements.

If you purchased your Enterprise Mobility business product from a Motorola business partner, contact that business partner for support.

Chapter 1 – Delivery Method and Minimum Requirements

Delivery Method

MotoRC for the WT4090 VOW is a software-only release in an msi setup package. The JRE 1.6 Java runtime environment is required for the MotoRC desktop component and is included with the msi setup package. The installer will check for the valid JRE version and install it if necessary.

Minimum Software and Hardware Requirements

The minimum software and hardware requirements for systems on which you plan to install MotoRC are listed in Table 1.

Table 1 – Minimum Software and Hardware Requirements

Category	Requirements
Windows Operating Systems	**Windows XP** - Professional/Personal • **Windows Server 2003 R2** Standard/Enterprise editions x86/x64 with SP2 or higher
Additional Software	• JRE 1.6 (Bundled with the MotoRC msi setup package)

Category	Requirements
Hardware	These are only recommendations and you may obtain satisfactory performance on computers with a configuration that differs from these specifications. • 1 GHz processor or more

Chapter 2 – Installing MotoRC

Uninstall Previous Versions

Uninstall any previous versions of MotoRC before installing the latest version.

Note:

If the MotoRC is already installed, double clicking on the MotoRC setup package will uninstall the existing version.

Installing MotoRC

To Install MotoRC:

1. Download the setup package
2. Locate **MotoRC_Setup.exe** and double-click the file to display the Installation Wizard (Figure 1).

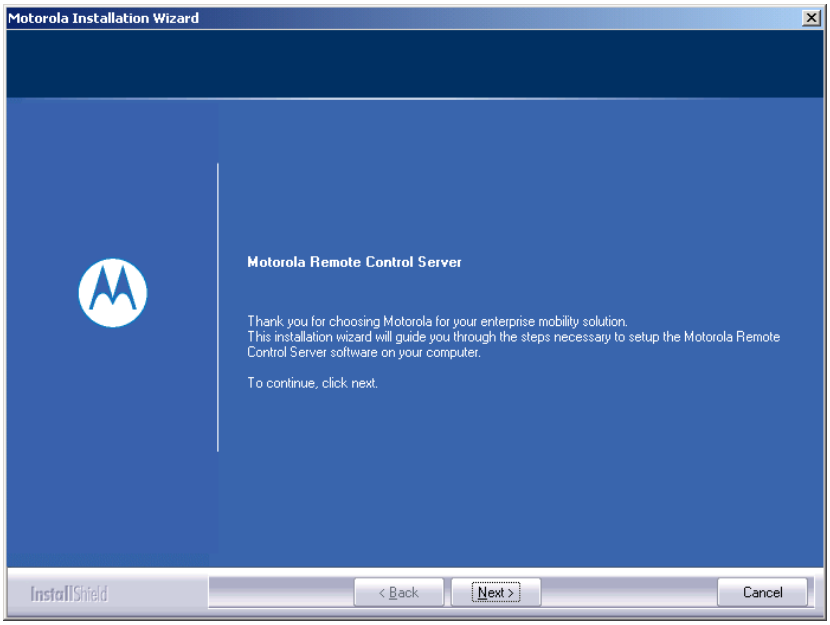
Motorola Installation Wizard
Motorola Remote Control Server
Thank you for choosing Motorola for your enterprise mobility solution.
This installation wizard will guide you through the steps necessary to setup the Motorola Remote Control Server software on your computer.
To continue, click next.
InstallShield
< Back
Next >
Cancel

Figure 1

3. Click **Next** to display the license agreement (Figure 2).

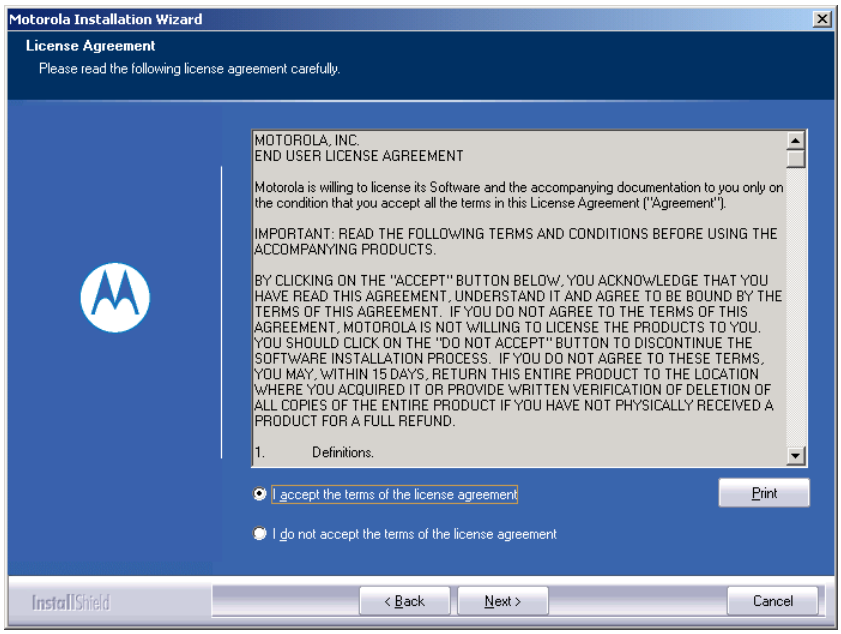
Motorola Installation Wizard
License Agreement
Please read the following license agreement carefully.
MOTOROLA, INC.
END USER LICENSE AGREEMENT
Motorola is willing to license its Software and the accompanying documentation to you only on the condition that you accept all the terms in this License Agreement ("Agreement").
IMPORTANT: READ THE FOLLOWING TERMS AND CONDITIONS BEFORE USING THE ACCOMPANYING PRODUCTS.
BY CLICKING ON THE "ACCEPT" BUTTON BELOW, YOU ACKNOWLEDGE THAT YOU HAVE READ THIS AGREEMENT, UNDERSTAND IT AND AGREE TO BE BOUND BY THE TERMS OF THIS AGREEMENT. IF YOU DO NOT AGREE TO THE TERMS OF THIS AGREEMENT, MOTOROLA IS NOT WILLING TO LICENSE THE PRODUCTS TO YOU. YOU SHOULD CLICK ON THE "DO NOT ACCEPT" BUTTON TO DISCONTINUE THE SOFTWARE INSTALLATION PROCESS. IF YOU DO NOT AGREE TO THESE TERMS, YOU MAY, WITHIN 15 DAYS, RETURN THIS ENTIRE PRODUCT TO THE LOCATION WHERE YOU ACQUIRED IT OR PROVIDE WRITTEN VERIFICATION OF DELETION OF ALL COPIES OF THE ENTIRE PRODUCT IF YOU HAVE NOT PHYSICALLY RECEIVED A PRODUCT FOR A FULL REFUND.
1. Definitions.
I accept the terms of the license agreement
I do not accept the terms of the license agreement
Print
InstallShield
< Back
Next >
Cancel

Figure 2

4. Accept the license agreement and click **Next** to display the **Destination Location** dialog box (Figure 3).

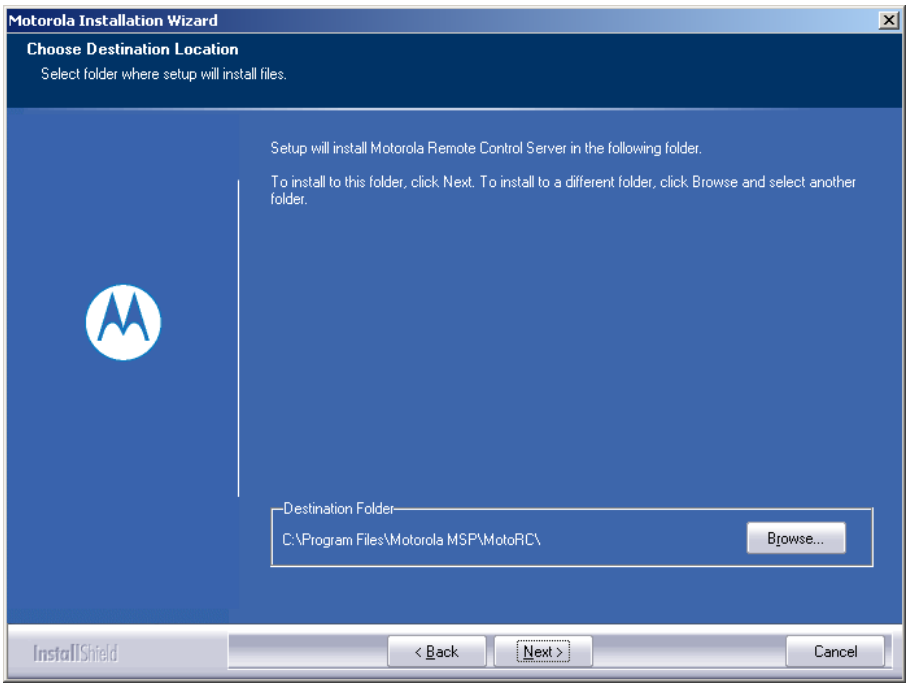
Motorola Installation Wizard
Choose Destination Location
Select folder where setup will install files.
Setup will install Motorola Remote Control Server in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\Program Files\Motorola MSP\MotoRC\
Browse...
InstallShield
< Back
Next >
Cancel

Figure 3

5. Accept or change the Destination folder and click **Next**.
6. If the required version of JRE 6-
   - IS **NOT** installed, the **Java Setup Progress** dialog box (Figure 4) will display and install the appropriate JRE 6 version before the **MotoRC Setup Status** dialog box (Figure 5) will display and MotoRC will be installed

Java Setup - Progress
Installing Java
This may take a few minutes
Sun
microsystems
Status: Registering product
Now you can have a full-featured office suite that's compatible with Microsoft Office for free!
Powerful, integrated set of word processing, spreadsheet, presentation, drawing and database applications
Reads, edits and saves Microsoft Office files
Supports over 70 languages and Solaris, Windows, Linux and Mac operating systems
Uses industry-standard, open file format (OpenDocument) as its default file format
Built-in, one-click PDF export
Writer
Calc
Impress
Base
Draw
Math
OpenOffice.org

Figure 4

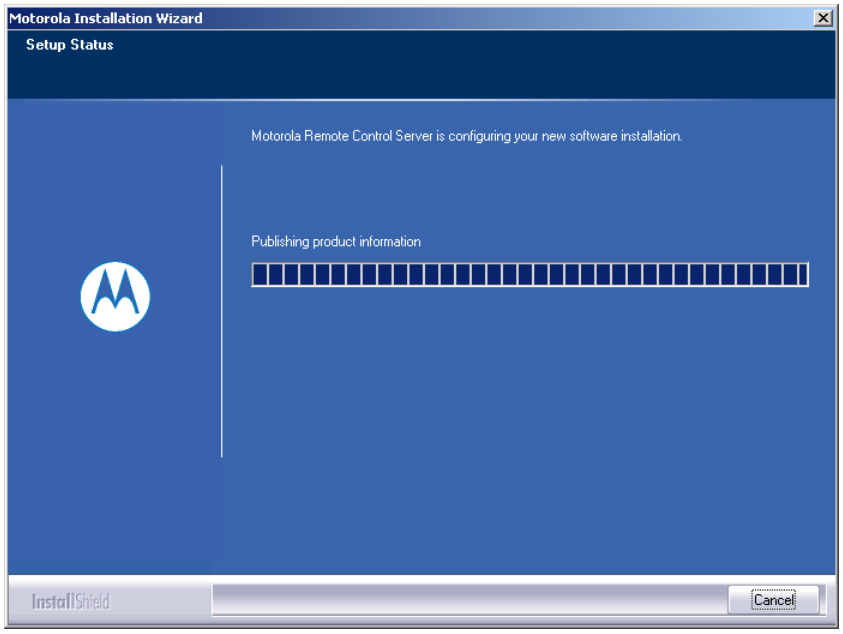

Figure 5

- IS installed, the **MotoRC Setup Status** dialog box will display and MotoRC will be installed.

7. Once the installation is complete, the following MotoRC files will be created in the folder where user has installed MotoRC (e.g., Under “C:\Program Files\Motorola MSP\MotoRC.” The files created are:

Table 2 – Files Created at Installation

Name	Description
DesktopDLL.dll	DLL needed to initiate the native calls to the device
mrc_signed.jar	Applet source code
MRCActiveSync.CAB	Cab file needed for installing the device side components
run_file.bat	Batch file to start the installation and initiate connection with the device.
Using_the_Motorola_Remote_Control_Solution_For_VOW_Release.pdf	User Guide

8. The installer creates a short cut on the desktop to start the batch file. User can use this shortcut to start the installation and hence connect to the device over active synch using MotoRC.

Note:

In order to use the MotoRC in a standalone (Active Sync mode), make sure active sync is properly connected between device and the local system PC.

Installing MotorRC on a Device

To install MotoRC on a device

1. Locate **run_file.bat**.
2. Double-click **run_file.bat** to connect to the device (Figure 6).

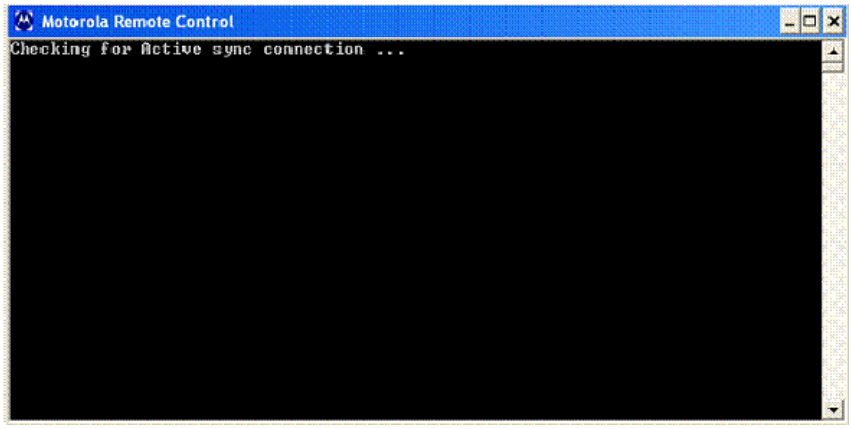

Figure 6

3. If-
   - MotoRC is not installed on the device, installation will be automatic.
   - An older version of MotorRC is installed on the device, the user will be asked if they want to install the newer version (Figure 7).
     - The user can continue with the existing version of MotoRC on the device by clicking **No**.
     - The user can uninstall the older version and install the newest version by clicking **Yes**.

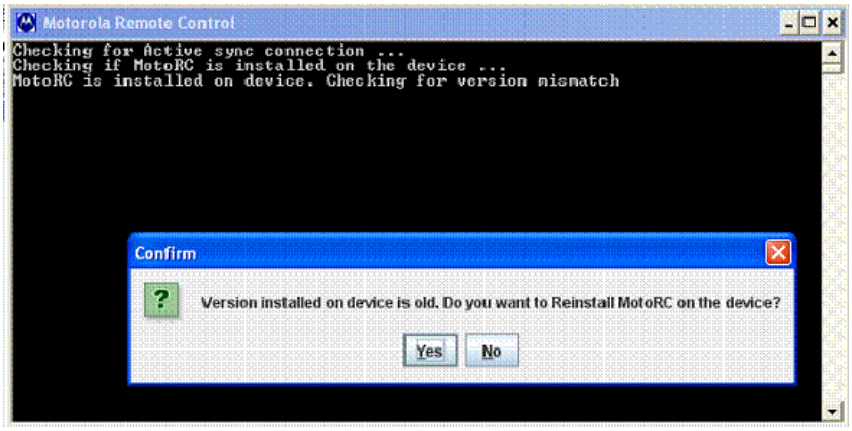
Motorola Remote Control
Checking for Active sync connection ...
Checking if MotoRC is installed on the device ...
MotoRC is installed on device. Checking for version mismatch
Confirm
Version installed on device is old. Do you want to Reinstall MotoRC on the device?
Yes
No

Figure 7

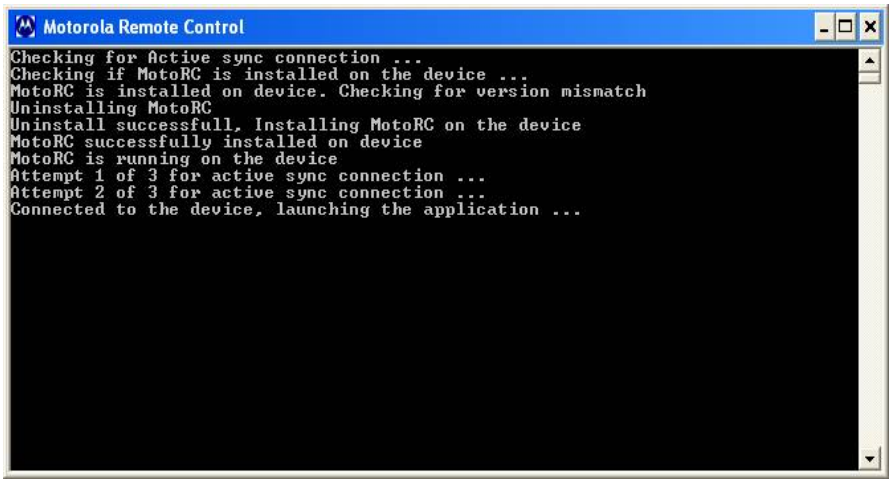
Motorola Remote Control
Checking for Active sync connection ...
Checking if MotoRC is installed on the device ...
MotoRC is installed on device. Checking for version mismatch
Uninstalling MotoRC
Uninstall successfull, Installing MotoRC on the device
MotoRC successfully installed on device
MotoRC is running on the device
Attempt 1 of 3 for active sync connection ...
Attempt 2 of 3 for active sync connection ...
Connected to the device, launching the application ...

Figure 8

4. After successful installation, following files/folders are created on the device (Under \Application\MotoRC folder):

Table 3 – Files Created on the Device

Name	Description
MRC.exe	This is the MotoRC executable running in the device side. At a time only one instance will be running.
Config.xml	This file contains the configuration details of the MotoRC in the device side. Following are the attributes supported by this configuration file – *LOG_FILE_SIZE (to set the size of the log file)* *LOG_LEVEL (to set the log level)* *PORT (device MotoRC running port)* *CLEAR_LOG_FLAG (to clean off the logs of previous session)* *SEEK_PERMISSION (to check for user permission before connecting through MotoRC)* *SECURE (to turn on/off secure communication)*
MRC_Start.RUN	*This is the link file used to start the MRC.exe after the warm or cold boot (This file is present in \Application\Startup).*
msg.properties	This is the resource bundle containing the messages displayed by the MotoRC. If the customer wants localized messages, they can change this file and provision it to the device using MSP policy. At present, this file contains the messages for seeking user permission for making remote connection.
MrcAES.dll	dll file for encryption between device and server.

Name	Description
MrcCleaner.exe	This file is used to cleanup the MotoRC during un-installing the MotoRC.
Logs	Folder created to contain the log files.

Note:

In case Active sync is not connected, the applet will open without having a MotoRC connection to the device. You will still be able to use MotoRC through a WLAN (you will have to manually provide the IP address of the device through the configuration tab in the applet. Refer to Using the Motorola Remote Control Solution with MSP for changing the configuration to use the WLAN connection

Uninstalling MotoRC

To uninstall MotoRC

1. Click Start > Add/Remove Programs.
2. Highlight Motorola Remote Control Server
3. Click **Remove** on the MotoRC Install Point listing to uninstall MotoRC

To uninstall MotoRC using MotoRC setup package

1. Double click on the MotoRC setup package.
2. Confirm uninstall message
3. Clicking on OK will remove the MotoRC

Motorola, Inc.

One Motorola Plaza

Holtsville, New York 11742, USA

1-800-927-9626

http:/motorola.com/enterprisemobility

MOTOROLA and the Stylized M Logo and Symbol and the Symbol logo are registered in the U.S. Patent and Trademark Office. All other product or service names are the property of their registered owners.

© MOTOROLA, Inc. 2009

72E-133492-01